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OCT 27 2006

Attorney's Docket No. TAN-357  
MAIL STOP AMENDMENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) Group Art Unit: unknown  
KOKUBO et al. ) Examiner: unknown  
Serial No.: 10/560,744 )  
Filed: December 15, 2005 )  
For: **TITANIUM OXIDE-ORGANIC POLYMER CONJUNCTION SUITABLE  
FOR ARTIFICIAL BONE**

TRANSMITTAL LETTER

Commissioner for Patents  
Alexandria, VA 22314-1450

Sir:

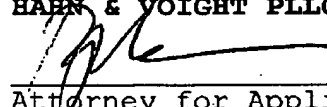
Submitted herewith for filing in the U.S. Patent and Trademark  
Office is the following:

- (1) Transmittal Letter;
- (2) Information Disclosure Statement Transmittal Letter;
- (3) Information Disclosure Statement;
- (4) PTO/SB/08A ; and
- (5) 3 cited references.

Please charge any additional fees, or credit any overpayment,  
in connection with this matter to deposit Account No. 50-3913.

Respectfully submitted,

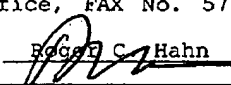
**HAHN & VOIGHT PLLC**

  
Attorney for Applicants  
Roger C. Hahn  
Reg. No. 46,376

**HAHN & VOIGHT PLLC**  
1012 14<sup>TH</sup> Street, NW  
Suite 620  
Washington, D.C. 20005

Tel (202) 637-0020,

I hereby certify that this correspondence is deposited with the United States Postal  
Services with sufficient postage as first class mail in an envelope addressed to the  
Commissioner of Patent, P.O. Box 1450, Alexandria, VA 22313-1450 or transmitted via  
facsimile to the United States Patent and Trademark Office, FAX No. 571-273-8300 on

10/27/06  
Typed or printed name of person signing this certificate Roger C. Hahn  
Signature 

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Alexandria, VA 22314-1450

Sir:

Pursuant to Applicant's duty of disclosure under 37 C.F.R. §§1.56 and 1.97-1.99, the documents listed on the attached PTO/SB/08A are being brought to the attention of the Examiner in charge of the above-identified application. This Information Disclosure States is being filed before a first action on the merits and hence, no fee is required.

Copies of the documents are attached herewith with a completed PTO/SB/08A. The Examiner is respectfully requested to cite the documents listed on the attached PTO/SB/08A in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the PTO/SB/08A, and return a copy of the initialed PTO/SB/08A with the next communication to Applicants, to confirm that these

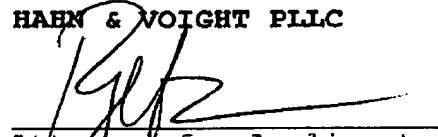
USSN 10/560,744  
KOKUBO et al.

documents have been considered by the Examiner and made of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned at the below-listed number.

Respectfully submitted,

**HAHN & VOIGHT PLLC**

  
Attorney for Applicants  
Roger C. Hahn  
Reg. No. 46,376

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ARTIFICIAL BONE**

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Commissioner for Patents  
Alexandria, VA 22314-1450  
SIR:

An Information Disclosure Statement is submitted herewith pursuant to 37 C.F.R. §1.97-1.98. Please note the following particulars:

[NOTE: One only of items a, b, c, and d must be checked.]

[ X ] a. The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 C.F.R. §1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

[ ] b. The enclosed statement is being filed after a first action on the merits but before the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311.

The enclosed statement is accompanied by [check one]:

- [ ] i. a certification in part (e) below as specified in 37 C.F.R. §1.97(e), or  
[X] ii. a check in the amount of \$ 180.00 required by 37 C.F.R. §1.17(p).

[ ] c. The enclosed statement is being filed after the mailing date of a final action under 37 C.F.R. §1.113, or a notice of allowance under 37 C.F.R. §1.311, but before payment of the issue fee.

USSN 10/560,744  
KOKUBO et al.

PETITION: It is requested that the information being submitted be considered. [NOTE: If box (c) is checked, the following two boxes must be checked.]

- ☐ PETITION FEE: A check for \$130.00 required by 37 CFR \$1.17(i)(1), is enclosed.
- ☐ CERTIFICATION is attended to in box (e) below.
- ☐ d. The enclosed statement is being filed pursuant to 37 C.F.R. \$1.97(i), for placement in the file.
- ☐ e. Certification [Check one] [Certification is required only if box (b)(i) or box (c) is checked.]
- ☐ I hereby certify that each item of information contained in the enclosed Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement,

or

- ☐ I hereby certify that no item of information in the enclosed Information Disclosure Statement herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. \$1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

or

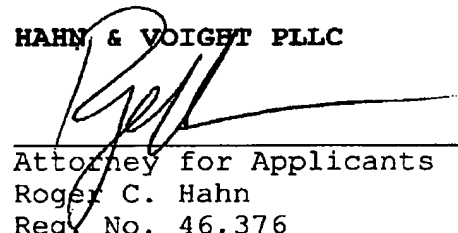
- ☐ Appropriate certification is attached.

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KOKUBO et al.

- [ ] f. If no check is enclosed and a fee is due in connection with this communication or if the check enclosed is insufficient, the Commissioner is authorized to charge any fee or additional fee due in connection with this communication to Deposit Account No. 19-1980.

Respectfully submitted,

**HAHN & VOIGHT PLLC**

  
Attorney for Applicants  
Roger C. Hahn  
Reg. No. 46,376

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PTO/SB/088 (09-08)

Approved for use through 03/31/2007. OMB 0651-0031

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Substitute for form 1449/PTO		<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/560,744	
		Filing Date	12/15/2005	
		First Named Inventor	KOKUBO et al.	
		Art Unit		
		Examiner Name		
Sheet		of	Attorney Docket Number	TAN-357

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	INVENTOR: KOKUBO TADASHI, KAWASHITA MASAKAZU, MIYAMOTO TAKEAKI APPLICANT: JAPAN SCIENCE & TECHNOLOGY CORP TITLE: POLYMER MATERIAL SUITABLE FOR ARTIFICIAL BONE	
		DATE OF FILING: 02/05/2001 APPLICATION NO: 2001-135159	
	2	INVENTOR: OZAWA HISASHI, YAO TAKESHI, KOKUBO TADASHI APPLICANT: JAPAN SCIENCE & TECHNOLOGY CORP TITLE: BIOACTIVE TITANIUM OXIDE COATING MATERIAL FORMED WITH TITANIUM OXIDE LAYER DIRECTLY ON SURFACE BY AQUEOUS SOLUTION SYNTHESIS	
		DATE OF FILING: 02/26/2001 APPLICATION NO: 2001-050404	
	3	INVENTOR/APPLICANT: OZAWA HISASHI, YAO TAKESHI TITLE: BLOOD COMPATIBLE TITANIUM OXIDE COATED MATERIAL DIRECTLY FORMED WITH TITANIUM OXIDE LAYER ON SURFACE BY AQUEOUS SOLUTION	
		SYNTHESIS DATE OF FILING: 03/16/2001 APPLICATION NO: 2001-123588	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.